

# California Strategic Highway Safety Plan Update



**Tribal Webinar**  
**October 28, 2014**



*Creating a*  
**California Culture**  
*of Safety*

# Agenda

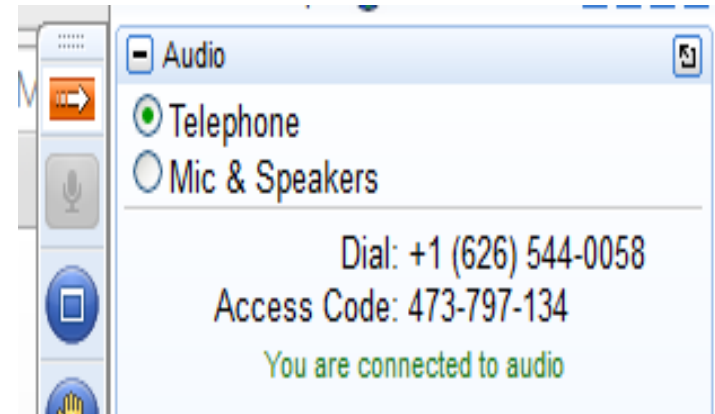
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- » Introductions
- » Webinar logistics
- » SHSP update overview
- » Goals for the webinar
- » Data presentation
- » Input on SHSP strategies

# Webinar Logistics

## » Calling In

- Webinar dialogue box
- Telephone
- Mic & Speakers
  - *Click on Telephone*
- Call in number, access code, audio pin#
  - Once dialed in, dial #, audio pin and # again

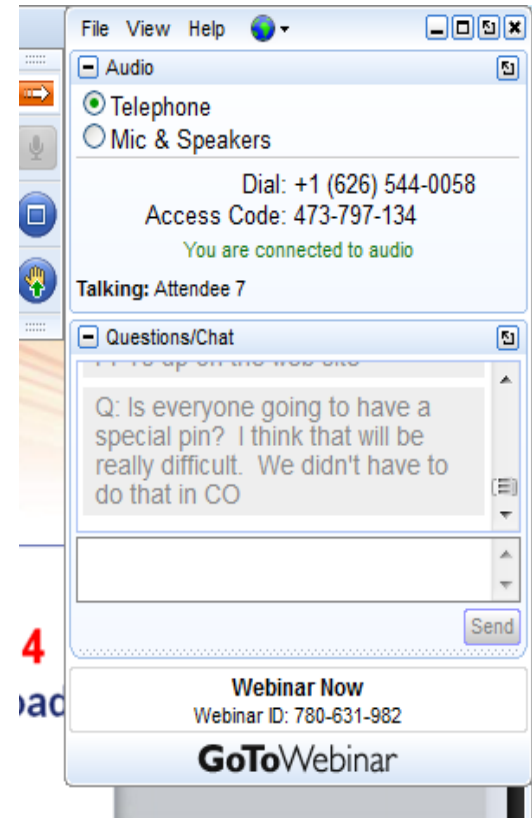




# Webinar Logistics

## » Offering comments

- Initially will be listen only mode
- Type questions in the chat window
  - We will answer chat questions first
- Raise your hand to ask a question



# Polling Question #1

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- » What type of organization do you represent? (select one)
- Municipal/County Government
  - Regional Transportation Planning Agency (MPO or RTPA)
  - State Agency
  - Tribal Government
  - Nongovernmental Organization

# SHSP Overview

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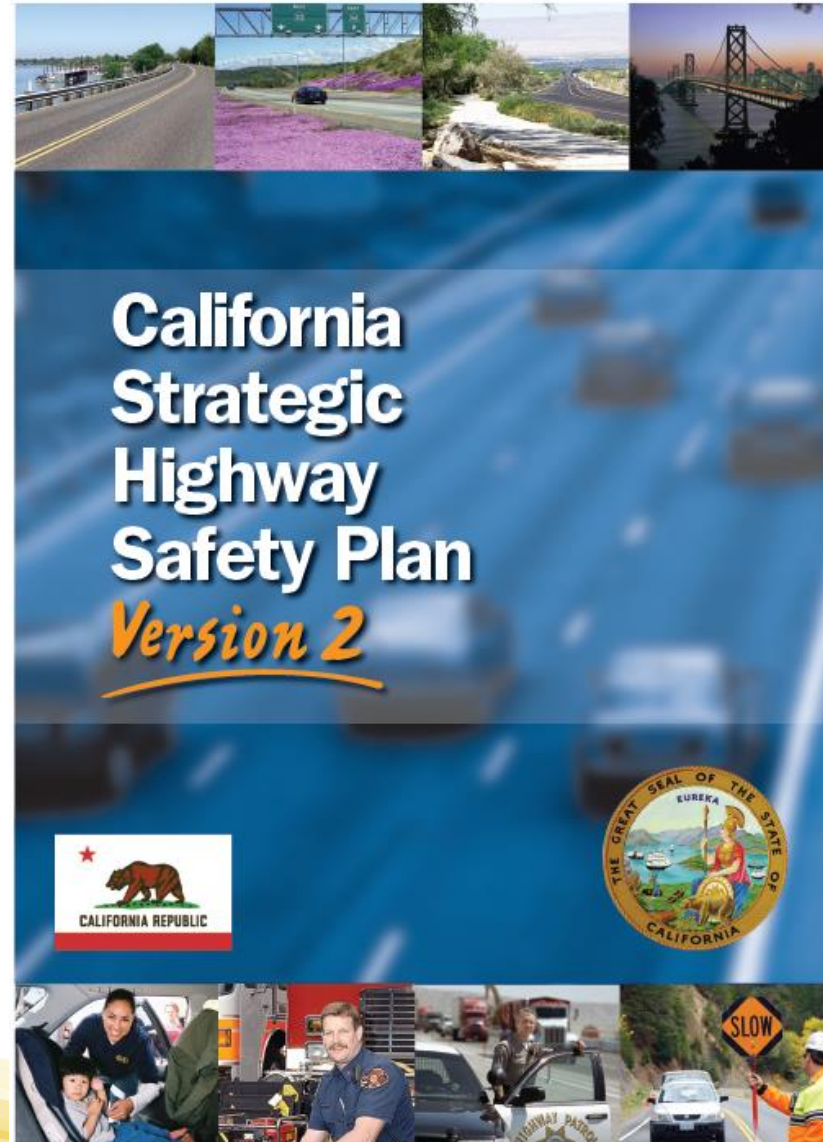
- » Federally Statewide plan to improve traffic safety on all public roads
- » Comprehensive framework for reducing traffic fatalities and serious injuries
- » Component of Federal Highway Safety Improvement Program (HSIP)
  - Guides state HSIP investment decisions
- » Data-driven
- » Coordinated with other safety plans

# Safety Program Coordination



# CA SHSP

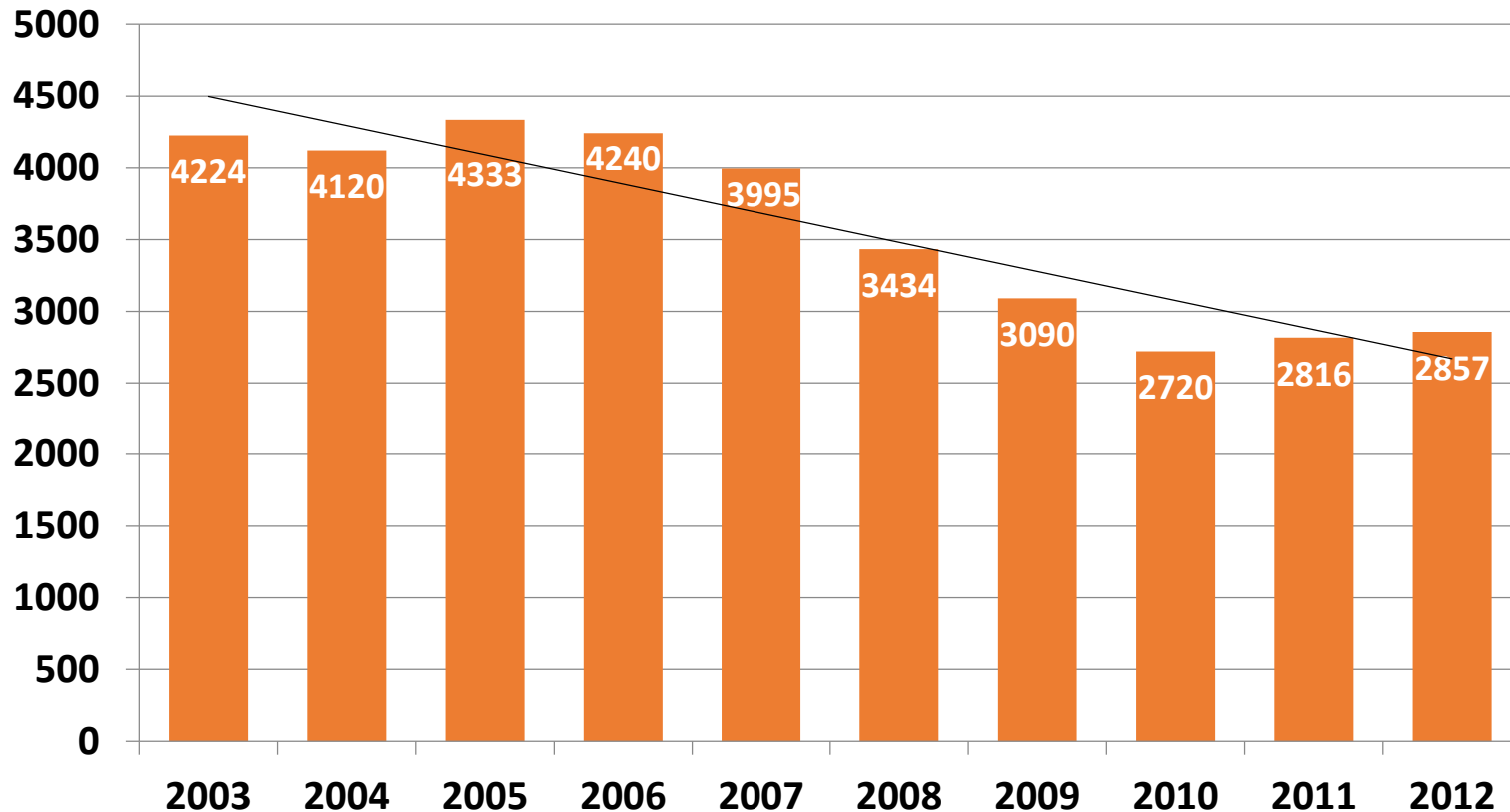
- » Developed in 2006
- » Implementation involved a wide range of safety partners





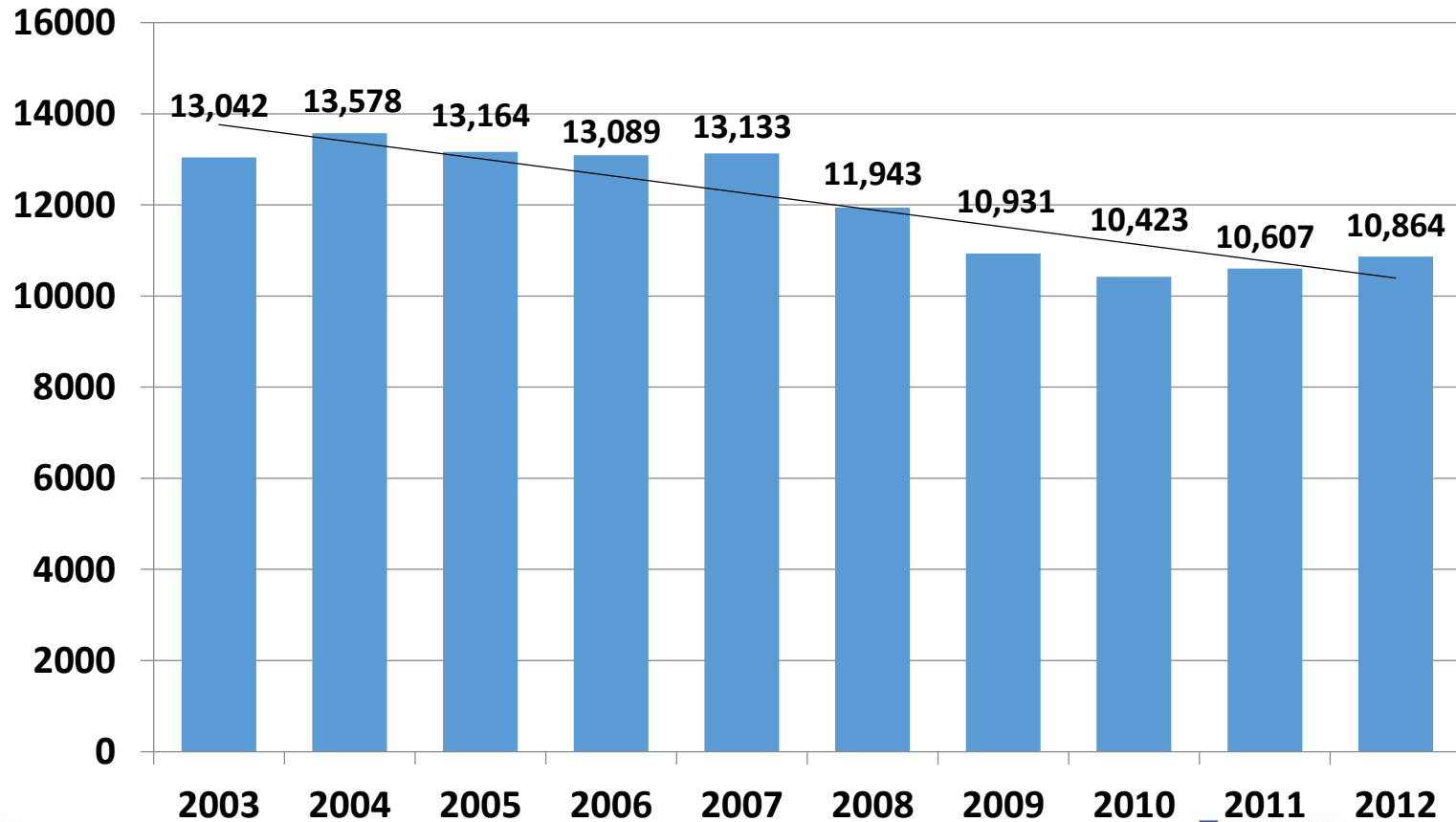
# California Fatality Trend

Annual Fatalities, 2003-2012



# California Severe Injury Trend

Annual Severe Injuries, 2003-2012



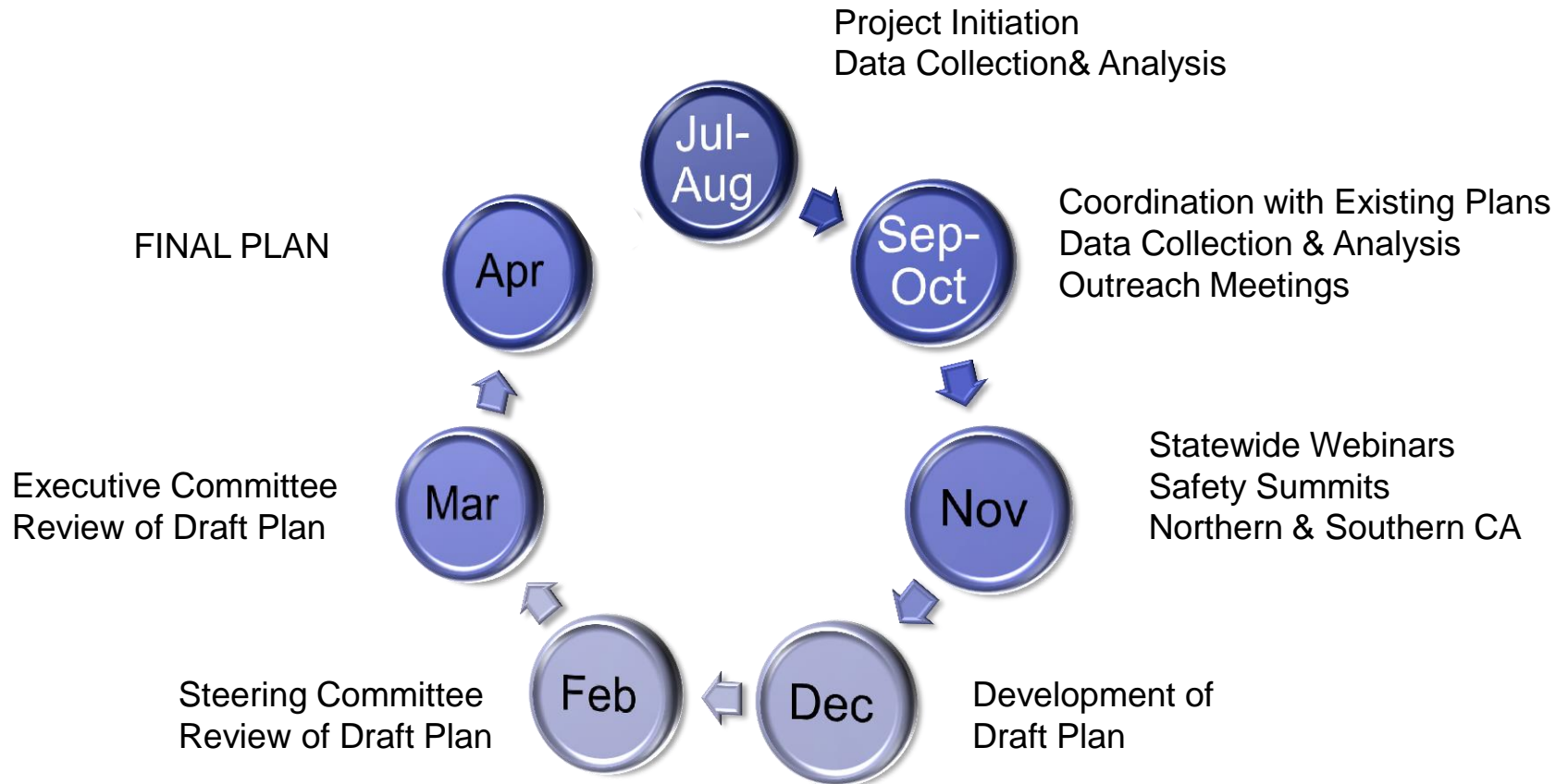
# Polling Question #2

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Have you been involved in the SHSP Previously?

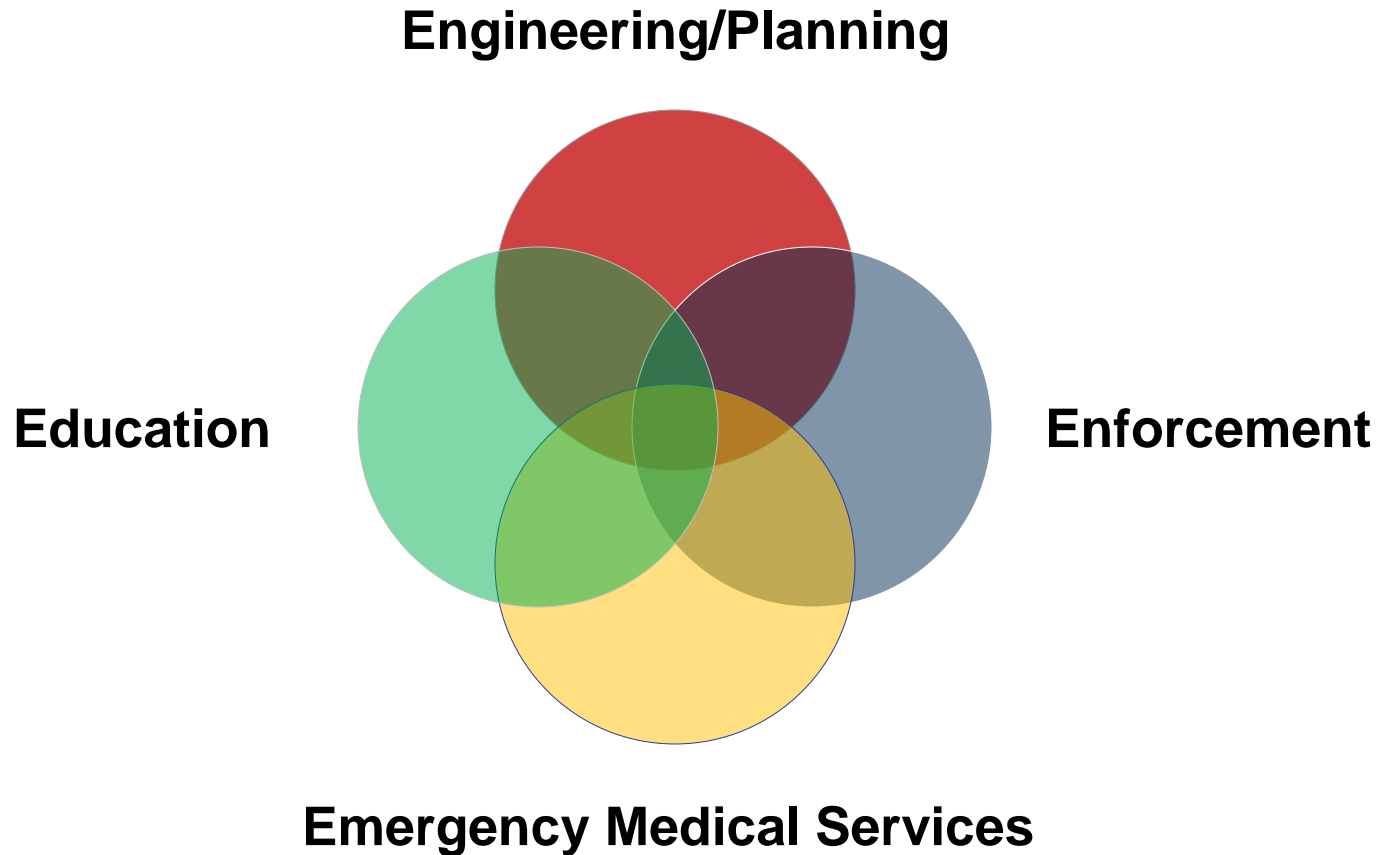
- » Yes, heavily involved
- » Yes, somewhat involved
- » No,
- » I don't know

# SHSP Update Process Schedule





# The 4E's of Safety



# Polling Question #3

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- » What is your organization's primary focus or interest?  
(select one)
- Emergency Response
  - Engineering/Planning
  - Education
  - Enforcement
  - Other

# Challenge Areas

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- » Reduce Impaired Driving
- » Leaving the Roadway and Head-on Collisions
- » Ensure Drivers are Licensed and Competent
- » Increase Use of Safety Belts and Child Safety Seats
- » Reduce Young Driver Fatalities
- » Improve Commercial Vehicle Safety
- » Improve Motorcycle Safety
- » Improve Bicycling Safety
- » Improve Roadway Access, Conflicts and Movements
- » Make Walking and Street Crossing Safer
- » Improve Safety for Older Roadway Users
- » Reduce Speeding and Aggressive Driving
- » Enhance Work Zone Safety
- » Improve Post Crash Survivability
- » Reduce Distracted Driving

# Elements of Strategic Planning

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- » Vision – The inspiration and framework for the plan
- » Mission – A formal, short, written statement on the purpose
- » Goal – The reason for the plan
- » Objectives – The change that will be accomplished
- » Performance Measures – How to determine whether the change takes place
- » Strategies – How the objective will be achieved
- » Action Plans – The steps to implement the strategy



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- » **Strategies – How the objective will be achieved**
- » Action Plans – The steps to implement the strategy

# Goals for the Webinar

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- » Review data to understand nature and extent of the problem
  - Identify traffic safety problems in your community
- » Provide input on what should be included in the updated plan to address defined safety problems
  - Determine strategies to reduce the number of fatalities and severe injuries on Tribal lands.

# Strategy/Action Step Example

Reduce the likelihood of vehicles leaving the travel lane(s) at high crash and risk locations by improving the roadway, the roadside, and traffic control devices.

*Expand installation and maintenance of centerline, edge line, and shoulder rumble strips.*

*Upgrade and improve shoulders where possible, maintain shoulders to reduce debris and edge drop-offs, and use beveled pavement edges, particularly on higher speed roadways.*

# Tribal Data Overview

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- » Crashes are not coded as being within Tribal jurisdictions
  - 4,036 injury collisions within 29 Tribal areas from 2002-2012
- » CHP responds
  - If collisions occurs on a state highway that traverses tribal land
  - If a crime including DUI is involved
- » Other surface collisions are investigated by local Tribal agencies



# Tribal Lands with Recorded Injury Crashes

**TOTAL F+SI COLLISIONS: 580**  
**TOTAL INJURY COLLISIONS: 4,036**

Tribe	F+SI	Total
Agua Caliente Indian Reservation	188	1890
Barona Rancheria	20	228
Bishop Rancheria	5	30
Cabazon Indian Reservation	26	120
Cahuilla Indian Reservation	11	60
Campo Indian Reservation	23	108
Chemehuevi Indian Reservation	7	16
Colorado River Indian Reservation	22	95
Fort Independence Indian Reservation	2	5
Fort Yuma Indian Reservation	22	146
Hoopa Valley Indian Reservation	33	168
La Jolla Indian Reservation	15	48
La Posta Indian Reservation	7	18
Mesa Grande Indian Reservation	0	1
Morongo Indian Reservation	36	319

Tribe	F+SI	Total
Pala Indian Reservation	37	211
Rincon Indian Reservation	19	107
Round Valley Indian Reservation	11	33
San Pasqual Indian Reservation	0	4
Santa Rosa Indian Reservation	7	22
Santa Rosa Rancheria	2	13
Santa Ynez Indian Reservation	1	6
Santa Ysabel Indian Reservation	3	26
Soboba Indian Reservation	3	6
Susanville Rancheria	1	9
Torres-Martinez Indian Reservation	38	172
Viejas Indian Reservation	7	60
X. L. Rancheria	3	15
Yurok Indian Reservation	31	100

Source: SWITRS, 2002-2012 & USGS, 2005

# Injuries on Tribal Land

**TOTAL F+SI INJURIES: 713**  
**Fatalities: 220 Severe Injuries: 493**

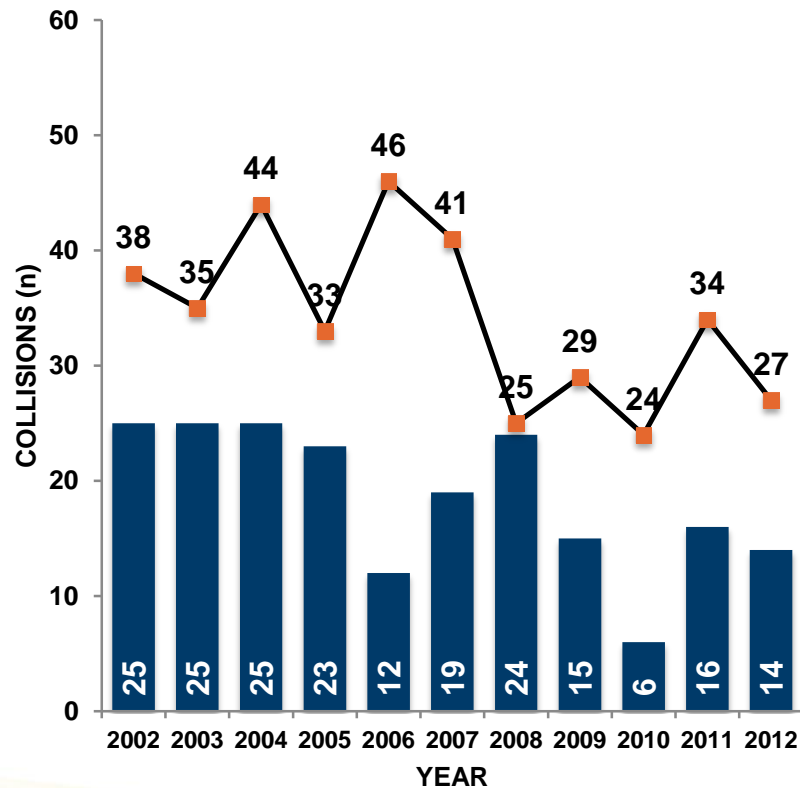
<b>Tribe</b>	<b>F</b>	<b>SI</b>
Agua Caliente Indian Reservation	70	141
Barona Rancheria	10	18
Bishop Rancheria	0	6
Cabazon Indian Reservation	11	25
Cahuilla Indian Reservation	8	9
Campo Indian Reservation	9	19
Chemehuevi Indian Reservation	4	6
Colorado River Indian Reservation	9	18
Fort Independence Indian Reservation	1	3
Fort Yuma Indian Reservation	15	18
Hoopa Valley Indian Reservation	8	29
La Jolla Indian Reservation	5	12
La Posta Indian Reservation	4	12
Mesa Grande Indian Reservation	0	0
Morongo Indian Reservation	12	29

<b>Tribe</b>	<b>F</b>	<b>SI</b>
Pala Indian Reservation	13	32
Rincon Indian Reservation	3	20
Round Valley Indian Reservation	4	9
San Pasqual Indian Reservation	0	0
Santa Rosa Indian Reservation	2	5
Santa Rosa Rancheria	0	2
Santa Ynez Indian Reservation	0	1
Santa Ysabel Indian Reservation	0	3
Soboba Indian Reservation	0	5
Susanville Rancheria	0	1
Torres-Martinez Indian Reservation	19	29
Viejas Indian Reservation	2	9
X. L. Rancheria	1	2
Yurok Indian Reservation	10	30

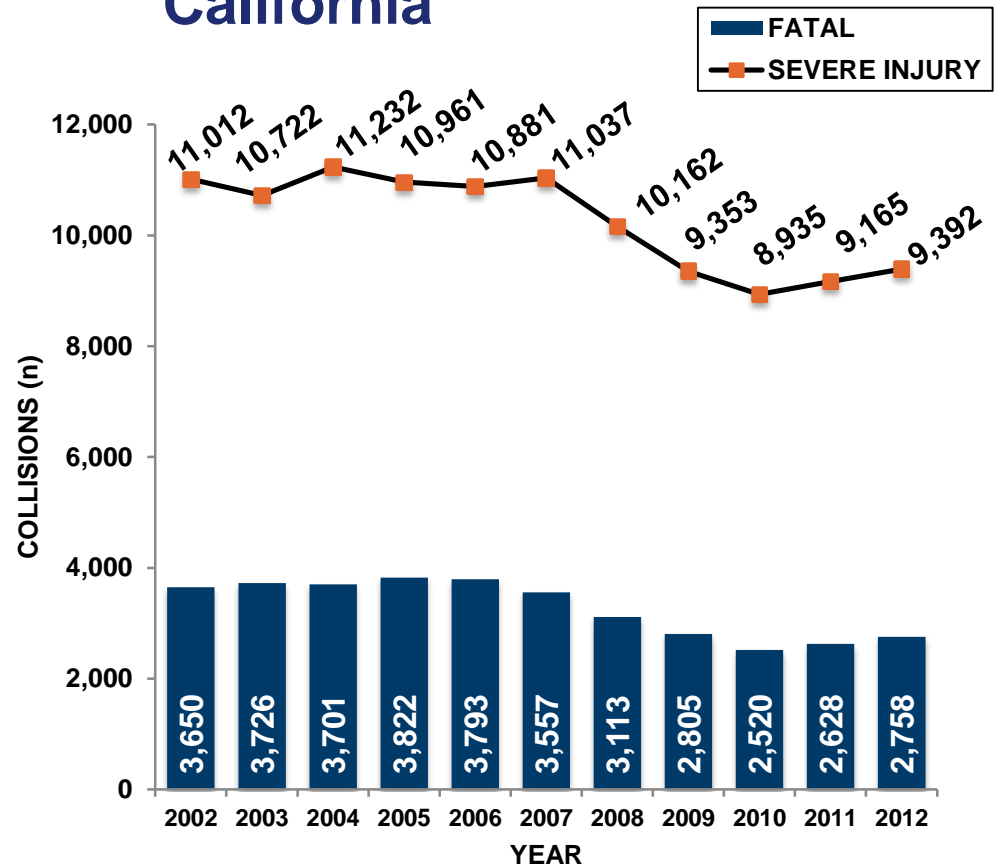
Source: SWITRS, 2002-2012 & USGS, 2005

# Tribal Crashes vs. Statewide Crashes

## Tribal Areas

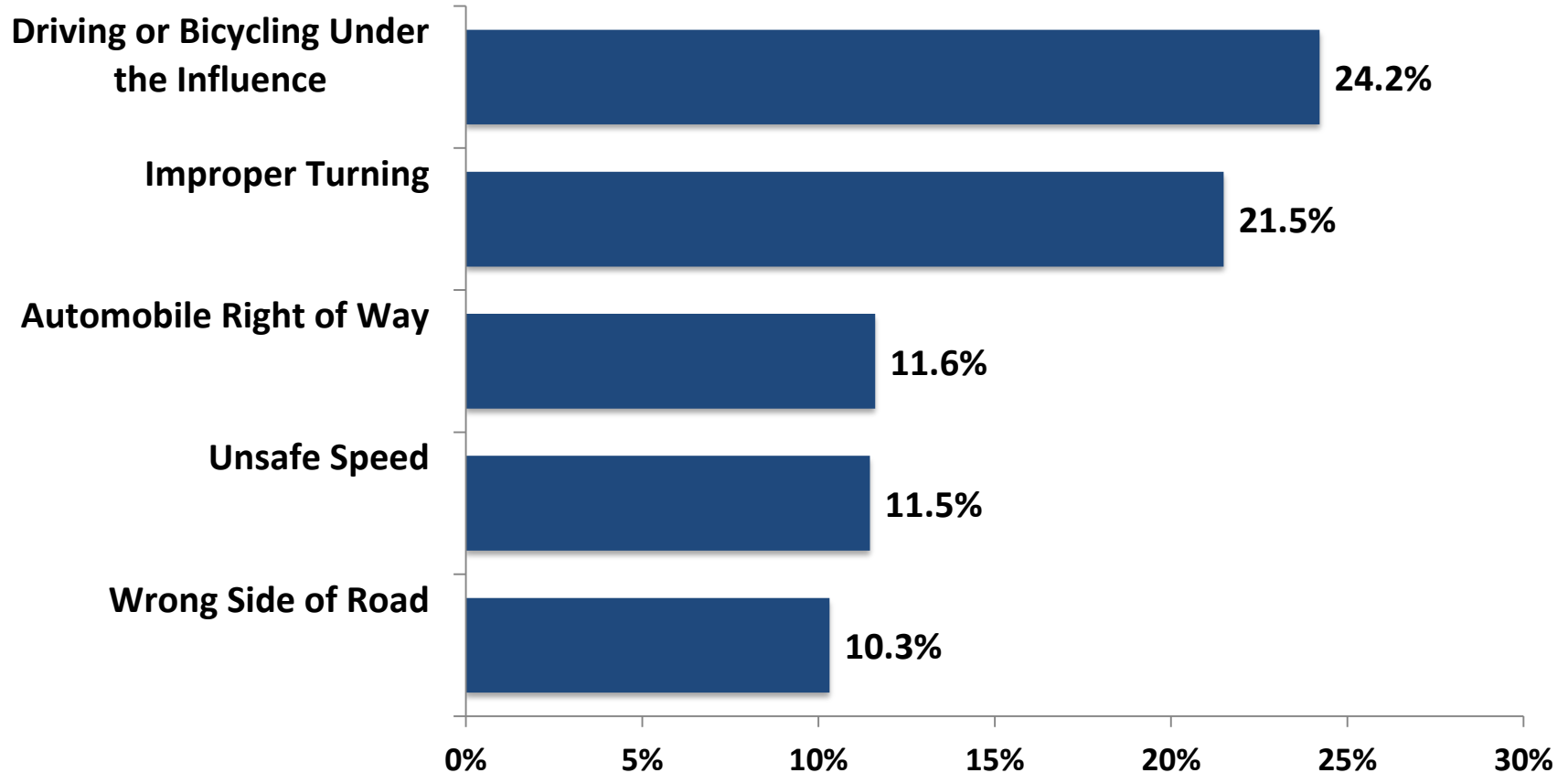


## California



Source: SWITRS, 2002-2012

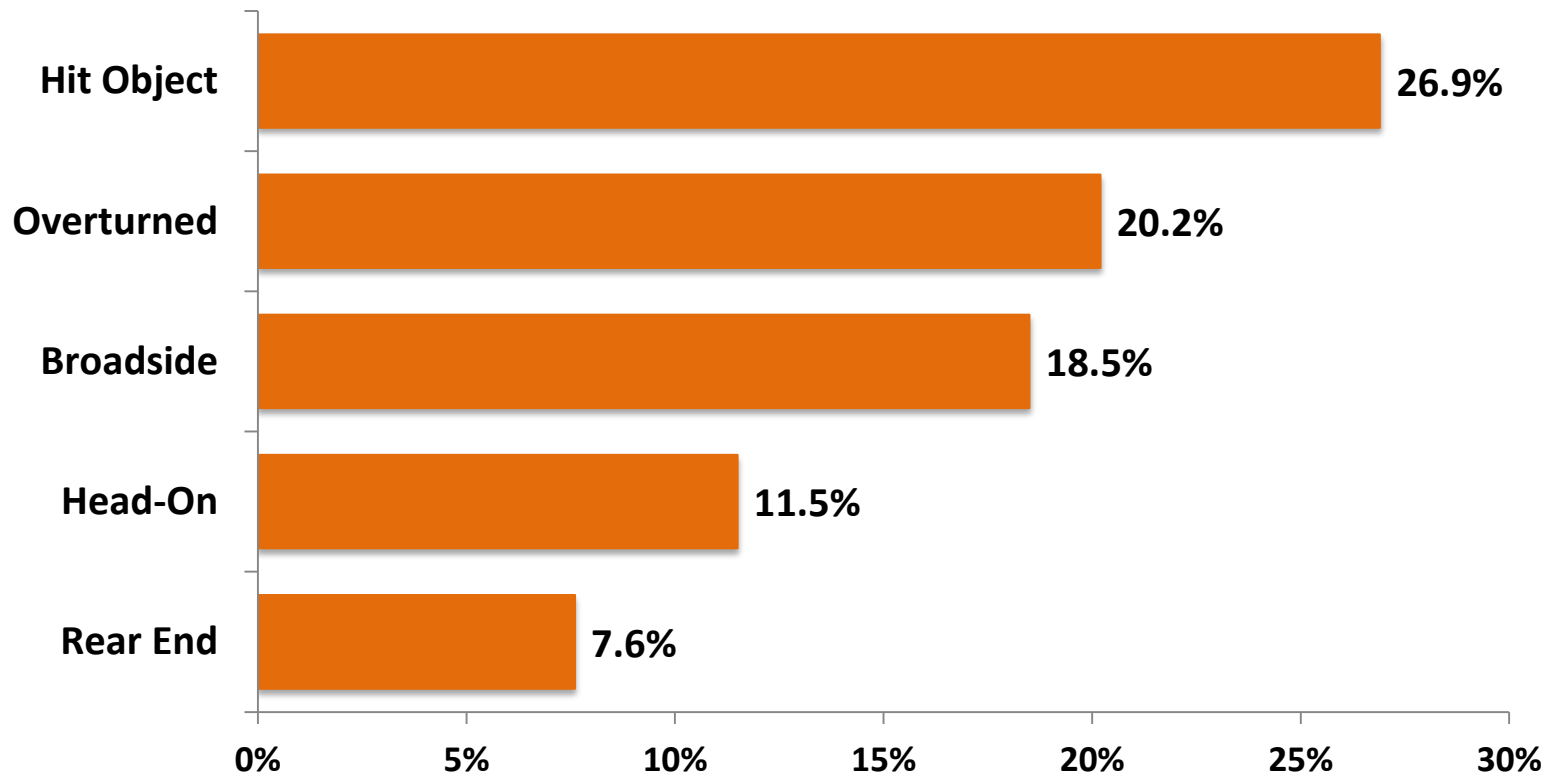
# Fatal + Severe Injuries by Primary Collision Factor in Tribal Areas



Source: SWITRS, 2002-2012 & USGS, 2005



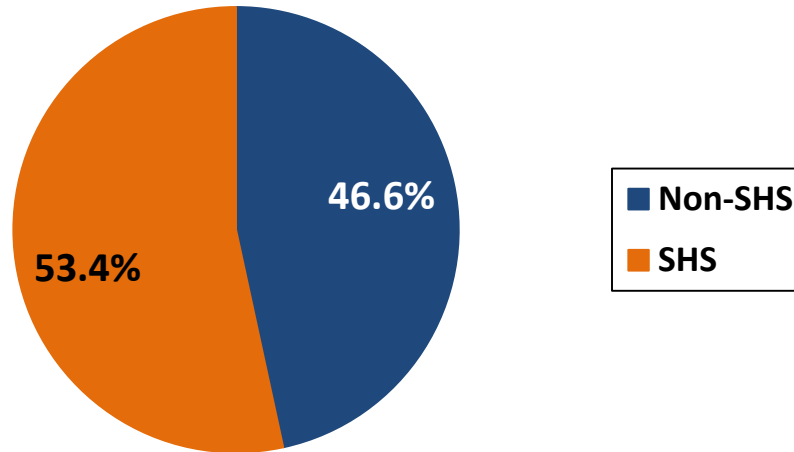
# Tribal Fatal and Severe Injuries by Crash Type



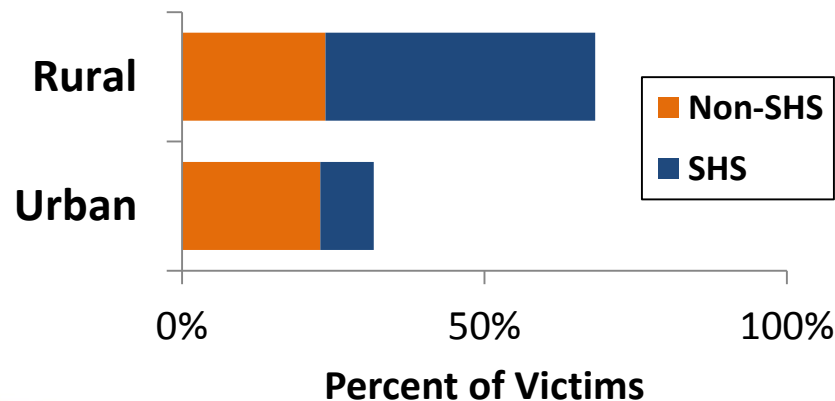
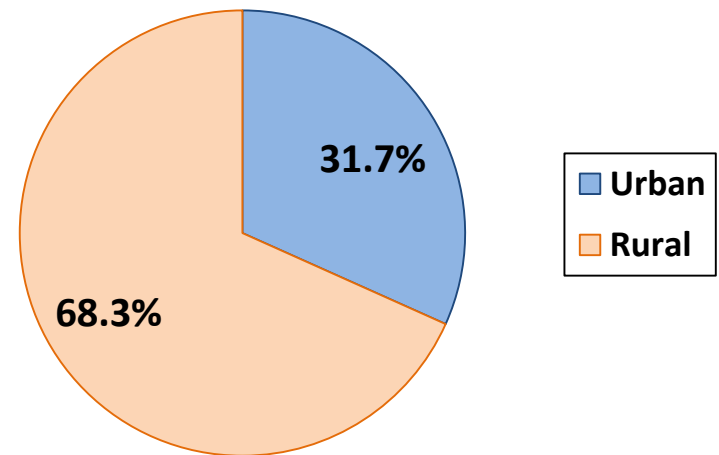
Source: SWITRS, 2002-2012 & USGS, 2005

# Tribal Fatal and Severe Injuries by Location

## State Highway System



## Urbanicity



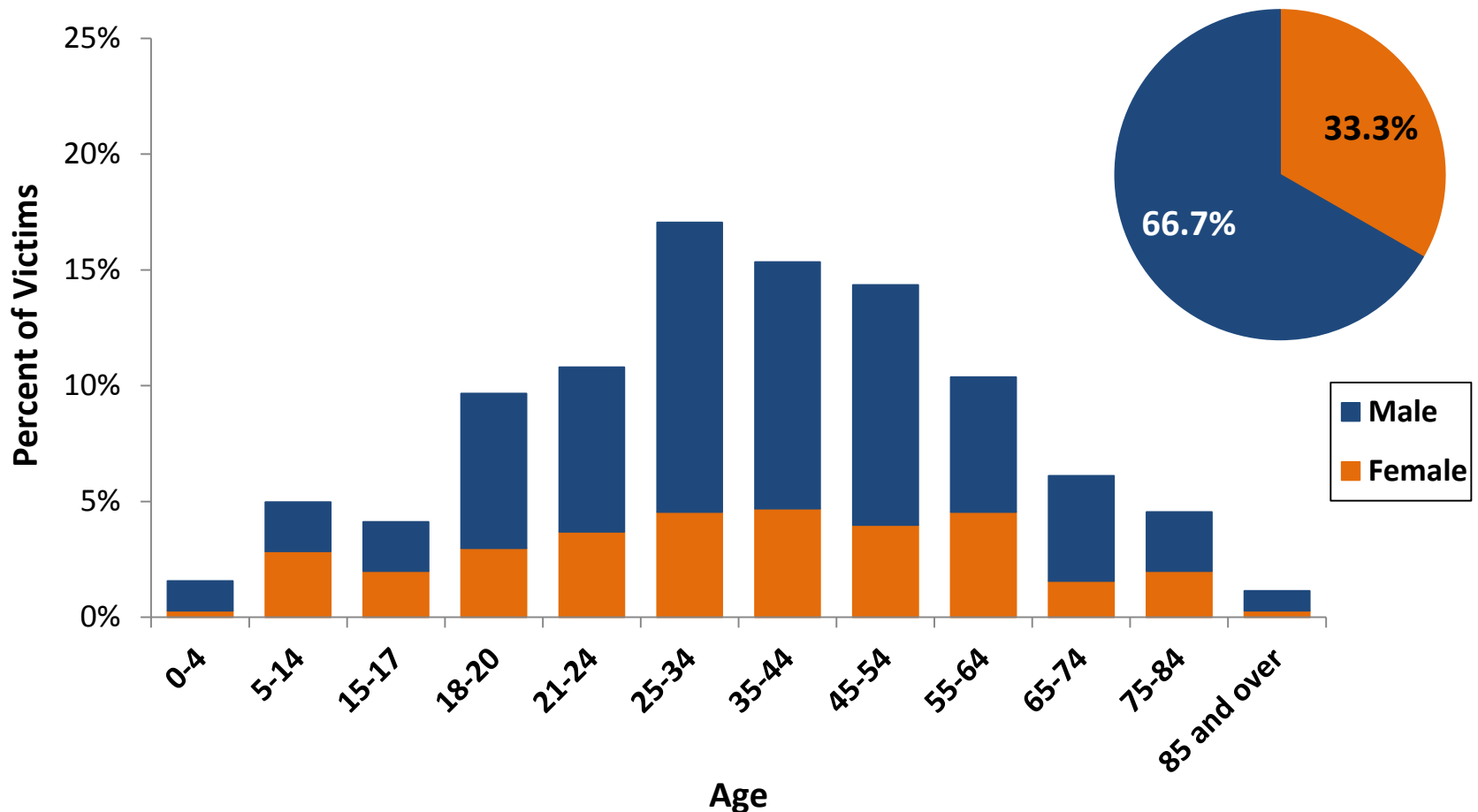
Source: SWITRS, 2002-2012 & USGS, 2005

# Tribal Fatal and Severe Injuries – by Time of Day and Day of Week

Time of Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Midnight-3AM	17	5	9	12	10	18	25
3-6AM	2	2	7	8	2	14	7
6-9AM	7	6	6	9	9	8	9
9AM-Noon	11	6	7	13	16	11	7
Noon-3PM	15	9	7	16	23	29	25
3-6PM	12	23	12	10	18	31	15
6-9PM	19	16	16	9	24	22	17
9PM-Midnight	15	9	6	9	16	17	10

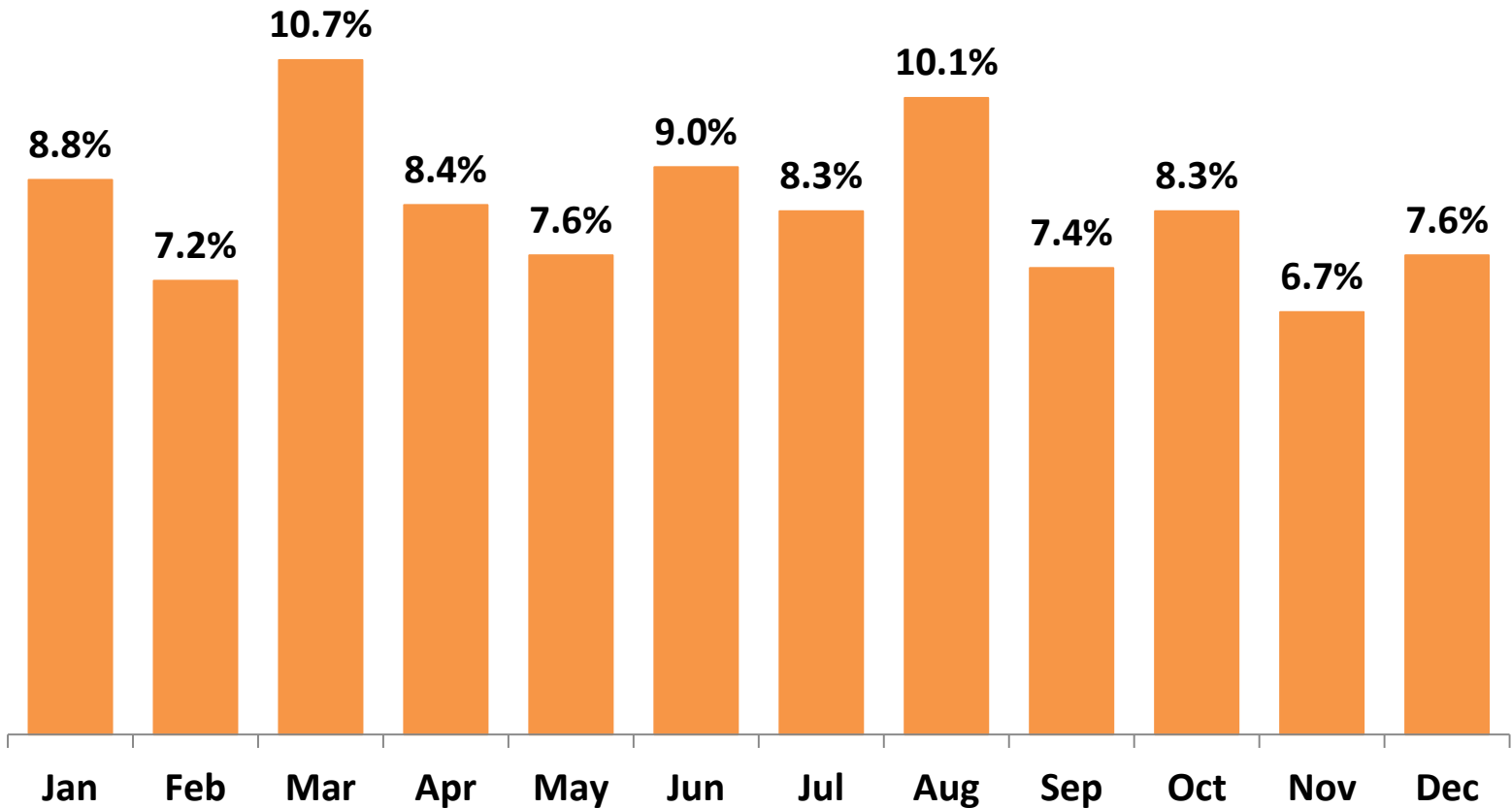
Source: SWITRS, 2002-2012 & USGS, 2005

# Tribal Fatal and Severe Injuries – By Gender and Age



Source: SWITRS, 2002-2012 & USGS, 2005

# Tribal Fatal and Severe Injuries – by Month



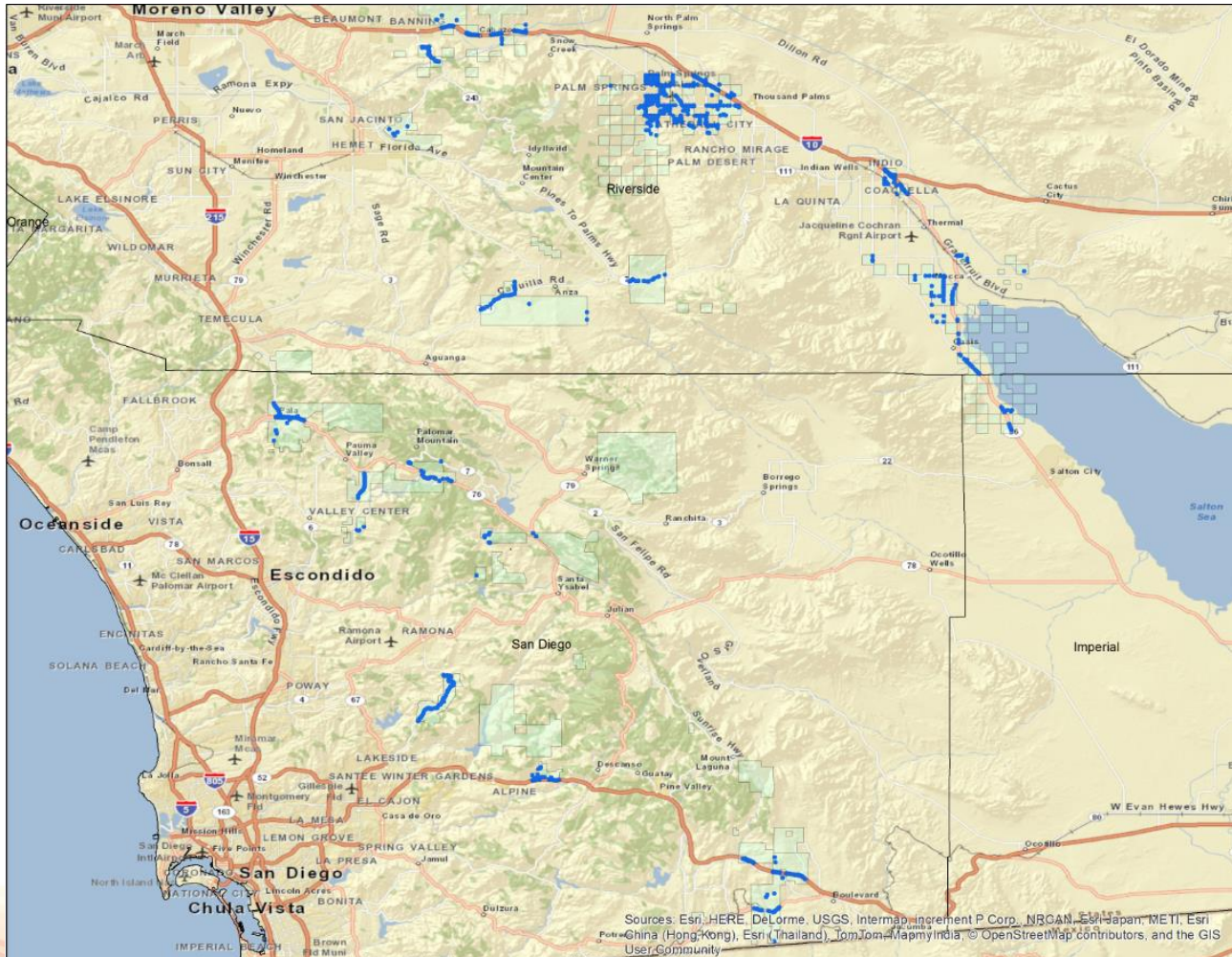
Source: SWITRS, 2002-2012 & USGS, 2005



# Injury Collisions on Tribal Land



# Injury Collisions on Tribal Lands Southwest California

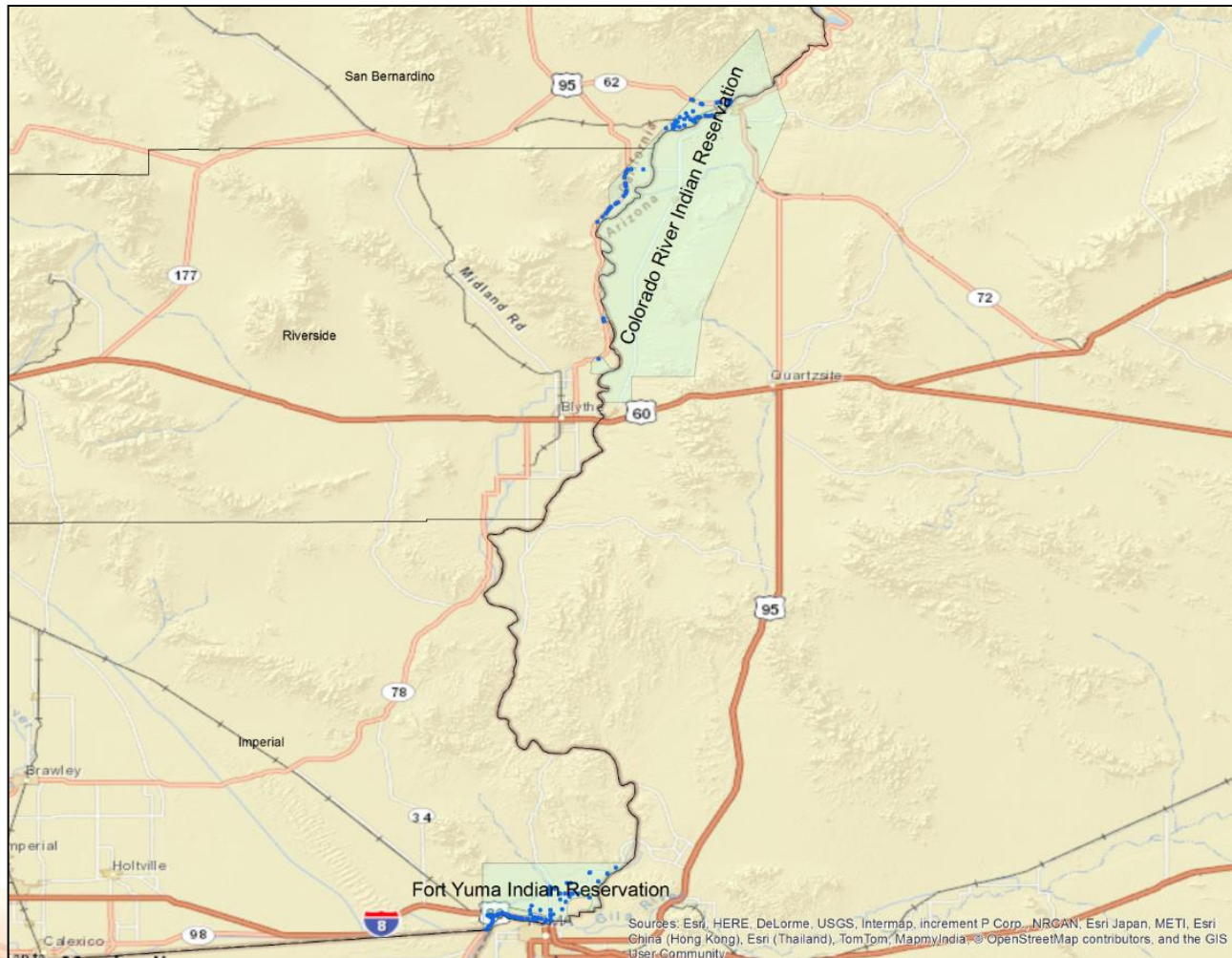


Source: SWITRS, 2002-2012 & USGS, 2005





# Injury Collisions on Tribal Lands Southeast California



Source: SWITRS, 2002-2012 & USGS, 2005



# Injury Collisions on Tribal Lands Northwest California



Source: SWITRS, 2002-2012 & USGS, 2005



# Participant Input

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- » What safety issues are you facing in your community?
- » What ideas are working in your area to reduce injury crashes?
- » What can make a difference in reducing fatal and severe injury crashes?
- » What barriers exist to successfully addressing safety problems?
- » What suggestions do you have for the SHSP Leadership to address traffic safety in California?



# Webinar Schedule

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## » October 28, 2014

- Tribal Safety
- Focus Populations (young drivers, older drivers, commercial drivers, motorcyclists)

## » October 29, 2014

- Driver Behavior (impaired driving, seat belts, speeding, distracted driving)
- Infrastructure & Operations (roadway departures, intersections, work zones)

## » October 30, 2014

- Vulnerable Road Users (pedestrians, bicyclists)
- Emergency Medical Services (EMS)

# Safety Summits

## » Southern California

- November 12, 2014
- 8:00 am to 1:00 pm
- Cal State - Los Angeles,  
Golden Eagle Student Union

## » Northern California

- November 14, 2014
- 8:00 am to 1:00 pm
- Cal State - Sacramento,  
University Union



Register at:

<http://www.dot.ca.gov/hq/traffops/shsp>

# Next Steps

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» Visit the SHSP Website at

<http://www.dot.ca.gov/hq/traffops/shsp/>

- Provide comments on the SHSP Update
- Sign up to participate in the Summits
- Sign up to participate on Challenge Area teams

**For more information, contact:**  
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